

PASSAGE PLANNING

To be used for preparing an effective passage plan. Should be approved by Master and reviewed by all OOWs.

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BRIDGE CHECK LIST				
Passage Planning				
<i>(Factors to consider when Developing a Passage Plan and Associated Route)</i>				
A.	Appraisal	Y	N	N/A
1.	Adequacy and reliability of aids to navigation.			
2.	Adequacy and reliability of charts and hydrographic data:			
	• ENC charts with Permit for the entire voyage available in the ECDIS catalogue.			
	• ENC charts updated with latest Base and Update CDs.			
	• In case of the use of RCDS mode operation in specific areas, are there sufficient and updated paper charts for back-up use.			
	• Confirm that WGS-84 has been selected for ECDIS, GPS and Used charts.			
3.	Appropriate scale charts for harbor and berthing phases.			
4.	The following publications (electronic or paper) to be consulted and considered:			
	• Large scale charts for coastal waters.			
	• Small scale charts for ocean passages.			
	• Largest scale charts for navigation.			
	• Planning charts.			
	• Routing, climatic, pilot and load line zone charts.			
	• Sailing directions and pilot books.			
	• List of lights.			
5.	Local area warnings.			
	• Are there any local requirements of coastal states that may require carriage of additional publications or local charts? (consult IHO website: https://www.iho.int)			
	6.	NAVAREA navigational warnings.		
	7.	New charts and licenses ordered as appropriate.		
	8.	Notices to Mariners.		
	9.	Navigation charts and publications for landfall features.		
	10.	Navigation charts and publications for Ship's Routing Schemes, Ship Reporting Systems and Vessel Traffic Services (VTS).		
	11.	Ship to Shore Master / Pilot Exchange form prepared.		
12.	Pilot card updated.			
13.	Port guides studied for port information including arrival/berthing restrictions.			
14.	Voyage plan checked together with User Charts & Notes using Voyage Specific Contour.			
15.	Voyage plan, notes and User Charts switched to monitor mode.			
16.	Voyage Log, Danger Targets Log, and Distance Log reset.			
17.	Voyage Plan saved and loaded to secondary ECDIS.			
B. Passage Requirements				
18.	Anchoring locations.			
19.	Any special ship operational requirements for the passage.			
20.	Bunker calculations.			
21.	Cargo and any special stowage/carriage restrictions.			
22.	Communications/GMDSS watch keeping considerations.			
23.	Draught restrictions including air draught and under keel clearance (UKC) requirements.			
24.	Helicopter operations.			
25.	Load line requirements.			
26.	Log book requirements.			
27.	Passage reporting requirements.			
28.	Passage speed and ETA calculations.			
29.	Are the used charts created and/or updated for the voyage with containing as a minimum the following items:			
	• Pilot Reporting Points.			
	• Point of No Return for Narrow Passages.			
	• No GO Areas.			
	• Conspicuous Targets for position fixing and Cross Checking Reference.			
	• Parallel Index.			
	• Areas with high speed vessels.			
30.	• Relevant NAVTEX warnings and T&P entered using Manual updated and Notes.			
	• Echo sounder programmed in DBS mode (below surface) or NAV (Vessel draft + UKC).			
30.	Position fixing intervals			

This checklist should be placed in the bridge and be used as reference prior departure from each port.

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31.	Reliability of propulsion and steering systems or any known defects affecting navigation or control of vessel.		
32.	Appropriate warning Alarms activated.		
33.	Routing and reporting measures.		
34.	Is the route prepared using safety settings for draught, safety contour and depth contour in compliance with the Company's Under Keel Clearance Policy and with due to Squat Effect (including trim and heel)?		Same should be marked in "ECDIS Management Card"
	• Safety contour.	m	
	• Safety depths.	m	
	• Shallow contour.	m	
	• Depth contour.	m	
	• XTD alarm.	n.m.	
	• Off course alarm.	Deg.	
• Max Height.	m.		
35.	Security concerns.		
36.	Ship-to-ship transfers.		
37.	Squat.		
38.	Strength and stability.		
39.	Watch schedules.		
C. Environmental Considerations			
40.	Ballast Water.		
41.	Emission Control Area (ECA) limits and fuel changeover procedures.		
42.	MARPOL Special Areas, PSSAs, or national and regional requirements.		
43.	Notifications/advice to crew on board.		
D. Weather/Conditions			
44.	Abnormal waves.		
45.	Currents and tides.		
46.	Heavy weather.		
47.	Ice.		
48.	Swell.		
49.	Tropical storms.		
50.	Visibility.		
51.	Weather routing.		
52.	Winds.		
E. Contingencies			
53.	Emergency anchorages.		
54.	Emergency response plans.		
55.	Notifications and reporting.		
56.	Plan amendments.		
F. Other			

Date:	Nav. Officer:	Master:
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